

The Commonwealth of Massachusetts

Mass.: Treasury Dept.

1964

ASSESSMENTS

FOR

**INTEREST, SERIAL BONDS
AND MAINTENANCE**

OF THE

METROPOLITAN DISTRICTS

Compiled in the Office of
ROBERT Q. CRANE

TREASURER AND RECEIVER-GENERAL



10-27-1965

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The Commonwealth of Massachusetts

TREASURY DEPARTMENT, SEPT. 1, 1964

Under the provisions of Section 11 of Chapter 10 of the General Laws the following computations for annual assessments for interest, serial bonds, and maintenance for 1961, to be paid by the cities and towns comprising the Metropolitan District, are compiled and printed as a public document and herewith submitted.

Since September 1, 1963, bonds have been issued as follows:

Charles River Flood Control Act of 1961	\$ 500,000
Neponset River Drainage & Flood Control Act of 1961	500,000
Mystic River Dam Loan Act of 1957	3,640,000
Met. Sewerage Loan Act of 1961	8,740,000
Met. Dist. Sewerage Relief Loan, Act of 1961	3,420,000
Met. Water Dist.-Water Use Development Loan	4,950,000
Met. Water Dist. Additional Loan Act of 1961	1,000,000
Met. Dist. Water Main Loan Act of 1959	450,000

METROPOLITAN SEWER

Chapter 92 of the General Laws.

SECTION 5. Each of the cities and towns belonging in whole or in part to the metropolitan sewerage district shall annually pay money to the commonwealth to meet interest and principal requirements for each fiscal year on debt for sewers and sewerage works authorized prior to December thirty-first, nineteen hundred and fifty-eight, on any debt incurred after January first, nineteen hundred and fifty-nine for the completion of construction authorized by chapter six hundred and forty-five of the acts of nineteen hundred and fifty-one as amended, and for any additional debt incurred for the construction of disposal works, as estimated by the state treasurer, and to meet any deficiency in the amount previously paid in, as found by him.

The proportion to be paid by each city and town of the total annual amount shall be determined by dividing the aggregate capacity of municipal sewers of each city and town connected to sewers operated by the commission by the total capacity of all municipal sewers connected to district sewers provided, however, that in no case shall the aggregate capacity of any municipal sewer used in the determination of such ratio be greater than the pro-rated capacity of the district sewer at the point of such connection. At every point on the metropolitan sewerage system at which the capacity of the main sewer is less than the aggregate capacity of the sewers converging at that point, the available capacity of the main sewer shall be apportioned among the two or more lines converging at such point in proportion to the capacities of such converging lines.

SECTION 5A. Not later than September first in the year nineteen hundred and sixty and in every fifth year thereafter, the commission shall establish the proportion in which each of the cities and towns served by said system shall annually pay money to the commonwealth to meet interest and principal requirements to be borne by all cities and towns served by the metropolitan sewerage system, as provided in section five; provided, however, that no changes shall be made in the proportions established in the year nineteen hundred and sixty except such as are occasioned by construction and connections authorized by law after January first, nineteen hundred and sixty or authorized by the commission under section two. The commission shall annually, not later than October first, certify to the state treasurer the proportion of annual requirements for principal and interest to be paid by each city and town served by said system.

SECTION 5B. The cost of construction of extensions of the metropolitan district sewerage system to provide service for additional cities and towns or to provide additional service for one or more cities and towns, or for relief sewers, shall be paid by the cities and towns benefited by such construction. The annual amounts required to meet payments of principal and interest on debt

incurred to finance such construction as estimated by the state treasurer, and to meet any deficiencies in the amount previously paid in, shall be apportioned among such benefited cities and towns in proportion to the additional capacity thereby made available to said cities and towns by such construction. The proportion to be paid by each city and town benefited shall be established by law; provided, however, that if such proportions are not so established they shall be determined by the commission. The commission shall annually not later than October first certify to the state treasurer the proportion of such principal and interest to be paid by each such city or town.

SECTION 6. The proportions in which each of the cities and towns belonging in whole or in part to said sewerage district shall annually pay money into the treasury of the commonwealth to meet the cost of maintenance and operation of the sewerage system, shall be based upon the respective populations of said cities and towns as ascertained by the last preceding state or national census. If less than the whole area of any town is included in said metropolitan sewerage district, the population only of that part of the town included in said district, as determined by the commission, shall be used as a basis for determining the proportion and amount which it shall pay as its share of the cost of maintenance and operation of works. The commission shall annually, not later than October first, certify to the state treasurer the amount expended for the maintenance and operation of the metropolitan district sewerage system in the preceding fiscal year and the proportions to be paid by each city and town as provided in this section.

SECTION 7. The commission shall annually, in accordance with the two preceding sections, determine for each system the proportion in which each of the towns belonging in whole or in part to such system shall annually pay money to the commonwealth to meet interest and sinking fund requirements and the cost of maintenance and operation of such systems, and shall transmit its determinations to the state treasurer.

METROPOLITAN WATER

Chapter 92 of the General Laws as inserted by Chapter 723, of the Acts of 1962.

SECTION 1. Section 10 of chapter 92 of the General Laws is hereby amended by striking out paragraph (12), as amended by section 2 of chapter 575 of the acts of 1947, and inserting in place thereof the following paragraph:—

(12) All payments made as aforesaid for admission of towns and for furnishing water to water companies, non-member towns, groups of towns, or districts referred to in paragraph (3), and for selling and delivering water, except payments of annual assessments by towns, water companies, non-member towns, groups of towns, or such districts shall be deposited with the state treasurer and credited as other revenue in the metropolitan water district fund, established in accordance with section twenty-five. All payments made as annual assessments, in accordance with section twenty-six, either by towns, water companies, non-member towns, groups of towns, or such districts, shall be applied as provided in section twenty-five.

SECTION 25. All monies received by the commonwealth on account of the operation of the metropolitan water district, together with the proceeds of bonds issued under the provisions of section twenty-six A shall be credited on the books of the commonwealth to a fund to be known as the metropolitan water district fund, to be expended, subject to appropriation for the purposes of the said metropolitan water district. Assessments received in accordance with section twenty-six, together with the proceeds of bonds issued under the provisions of section twenty-six A, shall comprise the operating revenues of said metropolitan water district fund. So much of said operating revenues, or other revenues credited in accordance with specific statute as are required to meet the debt service requirements of metropolitan water district bonds shall

be credited to debt service accounts maintained for each of the metropolitan water district loans, and together with any accrued interest and premiums which may be received in connection therewith may be expended for debt service costs without further appropriation.

SECTION 25A. The amount of fiscal year charges representing amounts appropriated together with other authorized charges to the metropolitan water district fund, less any amounts of prior appropriations which may revert in accordance with law, shall be determined annually by the comptroller as of the close of each fiscal year.

The comptroller shall certify to the state treasurer the amount by which the fiscal year charges together with the amount of the fund requirements carried forward from the previous fiscal year exceeds the total of operating revenues, as defined in section twenty-five and all Section 26. (As amended by Chapter 618 of the Acts of 1953 and Chapter 723, of the Acts of 1962.)

The state treasurer shall, in each year, beginning with the year nineteen hundred and fifty-four, assess the cities and towns that are members of the metropolitan water district and the cities and towns that are eligible to membership and are supplied with water by the district as follows:

—(a) In the case of each city and town that was a member of and took its entire supply from the district at the beginning of the year an amount equal to the rate of one hundred and twenty dollars per million gallons times its estimated consumption, taken as the number of million gallons of water consumed in the previous calendar year;

SECTION 7. Said section 26A of said chapter 92 is hereby further amended by adding at the end the following paragraph:—

In any year in which the amount of bonds issued in accordance with the provisions of this section exceeds the amount of principal payments in the prior fiscal year on all bonds issued for the construction of the metropolitan water system, excluding bonds issued under the authorization of this section, the state treasurer shall report that fact to the legislature with a draft of legislation designed to change the then existing rate by increasing it to the next higher multiple of five dollars a million gallons.

METROPOLITAN PARKS

SECTION 54. The proportions in which each of the towns of the metropolitan parks district, including Cohasset with respect to Nantasket beach reservation only, shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements for each year and any deficiency in the amounts previously paid in, as estimated by the state treasurer, shall be as follows: Boston shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Boston side of the Charles River basin as heretofore determined by the apportionment commission appointed by the supreme judicial court in the year nineteen hundred and ten; Cambridge shall pay as a special assessment sixteen and two thirds per cent of the money so required on account of the amount expended for construction of the marginal conduit on the Cambridge side of the Charles River basin as heretofore determined by the said apportionment commission; and the payment of the balance shall be based upon the respective taxable valuations of the property of said towns of the metropolitan parks district.

SECTION 55. (As amended by Chapter 554 of the Acts of 1949.) The total cost of the maintenance of reservations and boulevards in the metropolitan parks district shall be appropriated in one amount. Of this amount sixty per cent shall be paid from the Highway Fund, thirty-nine per cent by assessments on the said parks district and one per cent from general revenue of the commonwealth. The thirty-nine per cent charged as assessments on the various cities and towns in said parks district shall be based upon one third in propor-

tion to their populations and the remaining two thirds in proportion to their valuations, except that the town of Cohasset shall pay only eight per cent of such proportions with the remaining ninety-two per cent to be charged against all other cities and towns in said park district as part of their assessments.

SECTION 57. (As amended by Chapter 197 of the Acts of 1933, and Chapter 554 of the Acts of 1949.) The commission shall annually, in accordance with the provisions of the two preceding sections, determine the proportion in which each of the towns of said district shall annually pay money into the treasury of the commonwealth to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance of reservations, and shall transmit the determination of the commission to the state treasurer.

SECTION 58. The amount of money required each year from every such town to meet the interest, sinking fund and serial or other bond requirements and the cost of maintenance aforesaid, and the deficiency, if any, shall be estimated by the state treasurer, in accordance with the proportions determined as aforesaid by said commission, together with any amounts required by law to be specially assessed upon any particular town, and shall be included and made a part of the sum charged to such town, and shall be paid by such town into the state treasury as provided by section twenty of chapter 59.

SECTION 59. (As amended by Chapter 554 of the Acts of 1949.) For the purposes of the four preceding sections, the words "taxable valuations of the property of towns" shall mean taxable valuations of property last established next prior to such apportionment by the general court as a basis of apportionment for state and county taxes. The words "population of the towns" shall mean the population as determined by the latest census, state or national, next prior to such apportionment.

—Section 59A. Annual assessments for maintenance made in any year upon the cities and towns of each of the metropolitan districts referred to in this chapter, other than the metropolitan sewerage district and the metropolitan water district, shall be payable on November twentieth of such year and shall be based upon seven twelfths of the appropriations for such district for the fiscal year ending with the preceding June thirtieth and five twelfths of such appropriations for the fiscal year immediately following said June thirtieth. Annual assessments to meet the interest, sinking fund and serial or other bond requirements on account of each of such districts other than the metropolitan sewerage district and the metropolitan water district for any year shall be payable on November twentieth of such year and shall be made for the twelve-month period ending November thirtieth of such year, except that annual assessments to meet such serial or other bond requirements on bonds shall be made for the twelve-month period ending January second of the following year.

ROBERT Q. CRANE

Treasurer and Receiver-General

TOTAL ASSESSMENTS FOR METROPOLITAN DISTRICTS FOR 1964

Cities and Towns	Metropolitan Water	Metropolitan Parks and Boulevards	Metropolitan Sewerage System	Total
Arlington	\$ 211,548.36	\$ 119,889.81	\$ 206,227.69	\$ 537,665.86
✓ Belmont	108,128.52	97,220.00	125,518.21	330,866.73
✓ Boston	5,315,843.64	2,400,727.83	1,615,104.07	9,331,675.54
Braintree		64,819.65	101,467.30	166,286.95
Brookline	279,580.20	256,350.90	263,038.23	798,969.33
Cambridge	30,652.20	326,759.81	940,316.00	1,297,728.01
Canton		22,654.72	71,409.87	94,064.59
✓ Chelsea	183,933.36	85,801.49	239,590.97	509,325.82
Cohasset		1,096.27	—	1,096.27
Dedham		55,769.40	107,457.60	163,227.00
Dover		10,398.71	—	10,398.71
✓ Everett	370,698.96	147,798.82	239,362.65	757,860.43
Framingham		—	95,432.45	95,432.45
Hingham		36,257.91	31,900.83	68,158.74
Hull		28,693.40	—	28,693.40
Lexington	171,465.84	—	52,892.61	224,358.45
Lynn		268,015.89	—	268,015.89
Lynnfield Water District	10,488.72	—	—	10,488.72
✓ Malden	253,056.48	143,676.78	249,549.99	646,283.25
Marblehead	73,573.08	—	—	73,573.08
✓ Medford	283,794.84	161,617.36	433,524.97	878,937.17
✓ Melrose	101,360.04	79,331.61	206,721.08	387,412.73
Milton	100,850.04	78,124.57	224,918.13	403,892.74
Nahant	16,653.72	10,426.94	—	27,080.66
Natick		—	79,123.34	79,123.34
Needham	40,725.60	58,698.24	49,152.83	148,576.67
✓ Newton	485,175.12	306,878.82	571,220.99	1,363,274.93
Norwood	135,609.60	—	107,993.35	243,602.95
Peabody	34,866.84	—	—	34,866.84
Quincy	404,630.40	254,783.32	500,283.96	1,159,697.68
Randolph (1900)		—	66,065.59 ✓	66,065.59
Reading		—	41,820.30	41,820.30
✓ Revere	144,172.56	84,674.56	147,670.60	376,517.72
Saugus	76,325.40	38,102.76	—	114,428.16
✓ Somerville	397,331.04	230,866.73	421,308.27	1,049,506.04
Stoneham	86,608.32	34,666.74	98,029.35	219,304.41
Stoughton		—	33,408.46	33,408.46
Swampscott	59,867.76	45,110.92	—	104,978.68
Wakefield	34,395.60	50,641.14	118,666.32	203,703.06
Walpole		—	43,277.77	43,277.77
Waltham	367,170.60	122,258.95	225,895.61	715,325.16
✓ Watertown	209,646.72	106,640.58	188,193.22	504,480.52
Wellesley		84,229.01	68,043.25	152,272.26
Weston		22,665.39	—	22,665.39
Westwood (1901)		18,946.23	41,993.48 ✓	60,939.71
Weymouth		110,520.04	188,897.20	299,417.24
Wilmington		—	31,837.92	31,837.92
Winchester	28,652.76	63,980.85	210,513.19	303,146.80
✓ Winthrop	82,850.52	49,915.89	107,946.01	240,712.42
Woburn		—	225,842.64	225,842.64
	\$10,099,656.84	\$ 6,079,012.04	\$ 8,771,616.30	\$24,950,285.18

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METROPLITAN WATER DISTRICT

METROPOLITAN WATER DEBT

Gross (and net) debt June 30, 1964

Bonds outstanding (serial)

Additional Water Loan . . .	\$14,785,000 00
Water Use Development Loan . . .	52,435,000 00
Water Main Loan, Act of 1949 . . .	1,870,000 00
Water Main Loan, Act of 1954 . . .	1,110,000 00
Water Main Loan, Act of 1957 . . .	1,796,000 00
Water Main Loan, Act of 1959 . . .	1,348,000 00
Water Loan, Act of 1950 . . .	10,920,000 00
Water Loan, Act of 1952 . . .	5,690,000 00
Clinton Sewage Loan . . .	452,000 00
Metropolitan Water District Additional Loan, Act of 1956 . . .	18,913,000 00
Metropolitan Water District Additional Loan, Act of 1961 . . .	\$ 1,980,000 00

Total net water debt June 30, 1964

\$111,299,000 00

METROPOLITAN WATER EXPENSES

Debt Service

	<i>Serial Bonds</i>	<i>Interest</i>
Water Loan . . .	\$ 25,000 00	\$ 1,000 00
Additional Water Loan . . .	1,821,000 00	281,347 50
Water Use Development Loan	2,184,665 00	1,266,285 50
Water Main Loan, Act of 1949	110,000 00	33,660 00
Water Main Loan, Act of 1954	53,000 00	29,420 00
Water Main Loan, Act of 1957	76,000 00	62,620 00
Water Main Loan, Act of 1959	33,092 80	31,066 25
Water Loan, Act of 1950 . . .	387,000 00	265,617 50
Water Loan, Act of 1952 . . .	155,000 00	174,537 50
Clinton Sewage Loan, Act of 1954 . . .	22,000 00	8,102 50
Metropolitan Water District Additional Loan, Act of 1956	411,000 00	636,095.75
Metropolitan Water District Additional Loan, Act of 1961	16,700 00	25,720 00
Interest on Average Monthly Deficit		13,051 33

\$5,294,457 80 \$2,828,523 83 \$8,122,981 63

Brookline Credit for Property Acquired

1,887 40

Total Bond Expenses

\$8,124,869 03

The following information is supplied by the Comptroller's Bureau:

In accordance with the provisions of G.L. C. 92, S. 25A, as inserted by Chapter 723, Acts of 1962, the following determination of the requirements of the Metropolitan Water District Fund has been made as of June 30, 1964:

Fund Requirements—July 1, 1963 \$ 4,945,768 58

Net Fiscal Year Charges:

Appropriations	\$ 4,684,826 00		
Appropriations of Restricted Revenue	32,554 70		
Expenditures Authorized—Not Appropriated			
—Debt Service	8,124,869 03*		
Authorized Transfers	545,053 02		
Total	\$13,387,302 75		
Deduct—Reversions:			
Current Fiscal Year	\$17,833 29		
Accounts Payable	28,198 64	46,031 93	13,341,270 82
Total Charges			\$18,287,039 40

Operating Revenues:

District Assessments	\$10,019,564 06		
Proceeds from the Sale of			
Water Use Development			
Loan Bonds	4,950,000 00	14,969,564 06	

Other Revenue:

Direct	\$ 963,262 67		
Transfer Receipts	44,025 60	1,007,288 27	
Total Revenues			\$15,976,852 33

Fund Requirements, June 30, 1964 \$ 2,310,187 07

* Includes \$1,887.40 credit to the Town of Brookline.

METROPOLITAN WATER ASSESSMENT FOR 1964

Cities and Towns	Total Consumption for 1963 in Million Gallons	1964 Charge at \$120 per Million Gallons (Ch. 723, Acts of 1962)	Proportion for Computing Share of Debt
Arlington	1,762.903	\$ 211,548.36	.020946
Belmont	901.071	108,128.52	.010706
Boston	44,298.697	5,315,843.64	.526339
Brookline	2,329.835	279,580.20	.027682
Cambridge*	255.435	30,652.20	.003035
Chelsea	1,532.778	183,933.36	.018212
Everett	3,089.158	370,698.96	.036704
Lexington	1,428.882	171,465.84	.016977
Lynnfield Water District	87.406	10,488.72	.001039
Malden	2,108.804	253,056.48	.025056
Marblehead	613.109	73,573.08	.007285
Medford	2,364.957	283,794.84	.028099
Melrose	844.667	101,360.04	.010036
Milton	840.417	100,850.04	.009985
Nahant	138.781	16,653.72	.001649
Needham*	339.380	40,725.60	.004032
Newton	4,043.126	485,175.12	.048039
Norwood	1,130.080	135,609.60	.013427
Peabody*	290.557	34,866.84	.003452
Quincy	3,371.920	404,630.40	.040065
Revere	1,201.438	144,172.56	.014275
Saugus	636.045	76,325.40	.007557
Somerville	3,311.092	397,331.04	.039341
Stoneham	721.736	86,608.32	.008575
Swampscott	498.898	59,867.76	.005928
Wakefield*	286.630	34,395.60	.003406
Waltham	3,059.755	367,170.60	.036355
Watertown	1,747.056	209,646.72	.020758
Winchester*	238.773	28,652.76	.002837
Winthrop	690.421	82,850.52	.008203
	<u>84,163.807</u>	<u>\$10,099,656.84</u>	<u>1.000000</u>

* Partial Supply Only.

Note: Not included in above:

Assessment for Water Connections:

Lexington—third of ten payments \$36,529.46

Needham—fifth of ten payments \$85,602.62

Norwood—eighth of ten payments \$95,000.00

Waltham—first of ten payments \$27,511.64

Wakefield—sixth of ten payments \$16,861.20

Assessment for Entrance Fees:

Needham—fifth of ten payments \$13,281.50

Peabody—seventh of ten payments \$11,380.00

Wakefield—sixth of ten payments \$10,954.40

Winchester—seventh of ten payments \$16,171.40

Water Discharged into Charles River, Ch. 603, Acts of 1950, 500 mil. gals. @ \$10 1 mil. gal.

8% Wellesley \$ 400

7 Weston 350

22 Newton 1,100

15 Waltham 750

13 Watertown 650

16 Cambridge 800

19 Boston 950

Total \$5,000

Credit to Brookline for property acquired: twelfth of twenty-five payments—\$1,887.40

COMPARISON OF ASSESSMENTS 1963 AND 1964
WITH REVENUE FROM WATER RATES IN 1963

Cities and Towns	Water 1963	Assessments 1964	Water Revenue
			Received by Cities and Towns 1963
Arlington	\$ 207,990.00	\$ 211,548.36	\$ 461,877.81
Belmont	100,151.64	108,128.52	303,911.18
Boston	5,132,797.20	5,315,843.64	8,250,135.12
Brookline	274,373.04	279,580.20	661,579.14
Cambridge	2,192.40	30,652.20	1,314,029.62
Chelsea	172,347.00	183,933.36	438,315.97
Everett	372,643.08	370,698.96	665,236.48
Lexington	154,930.44	171,465.84	385,559.75
Lynnfield Water District	9,994.20	10,488.72	65,000.35
Malden	249,789.48	253,056.48	438,939.50
Marblehead	66,358.56	73,573.08	282,040.18
Medford	284,062.56	283,794.84	544,871.37
Melrose	88,830.24	101,360.04	235,779.88
Milton	92,950.44	100,850.04	243,581.29
Nahant	16,089.24	16,653.72	34,632.33
Needham	35,704.80	40,725.60	391,794.02
Newton	496,374.72	485,175.12	1,103,957.11
Norwood	138,327.60	135,609.60	341,490.14
Peabody	10,712.76	34,866.84	380,099.91
Quincy	395,297.52	404,630.40	980,316.99
Revere	135,575.52	144,172.56	265,754.25
Saugus	65,853.12	76,325.40	185,763.00
Somerville	398,726.28	397,331.04	850,458.89
Stoneham	76,416.84	86,608.32	215,734.34
Swampscott	49,984.92	59,867.76	146,813.73
Wakefield	42,608.88	34,395.60	480,448.03
Waltham	335,636.64	367,170.60	721,229.65
Watertown	210,422.28	209,646.72	452,262.37
Winchester	35,252.64	28,652.76	285,303.19
Winthrop	80,808.00	82,850.52	180,946.45
	<u>\$9,733,202.04</u>	<u>\$10,099,656.84</u>	<u>\$21,307,862.04</u>

METROPOLITAN PARKS DISTRICT
METROPOLITAN PARKS DEBT

Gross (and net) June 30, 1964

Bonds outstanding (serial)

Neponset River Drainage and Flood Control Act of 1955	\$ 1,473,000.00
Neponset River Drainage and Flood Control, Act of 1961	500,000.00
Charles River Basin Improvement Loan Act of 1957	1,080,000.00
Charles River Flood Control, Act of 1955	715,000.00
Charles River Flood Control, Act of 1961	500,000.00
Metropolitan District Beach Erosion Loan Act of 1956	1,694,000.00
Metropolitan District Commission Recreational Loan, Act of 1955	700,000.00
Metropolitan District Commission Recreational Loan, Act of 1957	3,859,000.00
Metropolitan District Commission Recreational Loan, Act of 1959	3,888,000.00
Mystic River Dam Loan, Act of 1957	3,866,000.00
Metropolitan District Park Loan Act of 1961	2,350,000.00
Metropolitan District Commission Recreational Loan, Act of 1962	950,000.00

Total net parks debt June 30, 1964 \$21,575,000.00

METROPOLITAN PARKS EXPENSES

Debt Service:

	<i>Serial Bonds</i>	<i>Interest</i>
Neponset River Drainage Flood Control, Act of 1955	\$103,000.00	\$ 43,144.50
Neponset River Drainage and Flood Control, Act of 1961	22,013.00	15,241.67
Charles River Basin Improvement Loan, Act of 1957	40,000.00	37,125.00
Charles River Flood Control, Act of 1955	50,000.00	23,887.50
Charles River Flood Control, Act of 1961	22,013.00	15,241.67
Metropolitan District Beach Erosion Loan, Act of 1956	—	55,781.25
Metropolitan District Commission Recreational Loan, Act of 1955	50,000.00	22,500.00
Metropolitan District Commission Recreational Loan, Act of 1957	247,000.00	130,432.50
Mystic River Dam Loan, Act of 1957	29,723.10	57,752.50
Metropolitan District Commission Recreational Loan, Act of 1959	241,000.00	129,975.50
Metropolitan District Park Loan, Act of 1961	125,000.00	70,137.50
Metropolitan District Commission Recreational Loan, Act of 1962	44,414.00	27,299.50
	<u>\$974,163.10</u>	<u>\$628,519.09</u>
Interest on Average Monthly Deficit		1,770.29
		<u>\$630,289.38</u>

Maintenance as appropriated by the Legislature	1,604,452.48
	4,474,559.56
Total Metropolitan Parks expenses to be assessed	<u>\$6,079,012.04</u>

METROPOLITAN PARKS DISTRICT RESERVATIONS AND BOULEVARDS
*Proportion of Interest, Serial Bonds and Maintenance Requirements
as Determined by the Metropolitan District Commission*

Cities and Towns	Valuation Ch. 559, Acts of 1945	Valuation Per Cent Note 1	Population 1960 Census	Population Per Cent	Average Per Cent Ch. 554 Acts of 1949 (Note 2)
Arlington-	\$ 63,327,779	.018132	49,953	.024626	.020297
Belmont	57,954,895	.016594	28,715	.014156	.015781
Boston	1,437,779,078	.411665	697,197	.343706	.389012
Braintree	31,968,400	.009153	31,069	.015316	.011207
Brookline	164,949,098	.047228	54,044	.026643	.040366
Cambridge	188,515,872	.053976	107,716	.053102	.053685
Canton	10,101,349	.002892	12,771	.006296	.004027
Chelsea	46,441,609	.013297	33,749	.016638	.014411
Dedham	29,105,423	.008333	23,869	.011767	.009478
Dover	6,325,116	.001811	2,846	.001403	.001675
Everett	88,165,414	.025244	43,544	.021466	.023985
Hingham	18,999,428	.005440	15,378	.007581	.006154
Hull	17,900,393	.005125	7,055	.003478	.004576
Lynn	151,194,710	.043290	94,478	.046576	.044386
Malden	77,119,332	.022081	57,676	.028433	.024198
Medford	86,696,291	.024823	64,971	.032030	.027225
Melrose	43,827,859	.012549	29,619	.014602	.013233
Milton	44,725,770	.012806	26,375	.013002	.012871
Nahant	5,722,850	.001639	3,960	.001952	.001743
Needham	30,261,434	.008664	25,793	.012715	.010014
Newton	181,961,300	.052099	92,384	.045544	.049914
Quincy	145,077,833	.041539	87,409	.043011	.042056
Revere	42,040,213	.012037	40,080	.019759	.014611
Saugus	17,446,731	.004995	20,666	.010188	.006726
Somerville	122,784,622	.035156	94,697	.046684	.038999
Stoneham	16,420,347	.004702	17,821	.008785	.006063
Swampscott	26,905,763	.007704	13,294	.006554	.007321
Wakefield	24,960,810	.007147	24,295	.011977	.008757
Waltham	62,078,958	.017774	55,413	.027318	.020955
Watertown	59,318,707	.016984	39,092	.019272	.017747
Wellesley	49,542,385	.014185	26,071	.012853	.013741
Weston	12,634,820	.003618	8,261	.004072	.003769
Westwood	8,630,467	.002471	10,354	.005104	.003349
Weymouth	57,187,043	.016374	48,177	.023750	.018833
Winchester	37,874,919	.010844	19,376	.009552	.010413
Winthrop	26,644,419	.007629	20,303	.010009	.008422
	\$ 3,492,591,437	1.000000	2,028,471	1.000000	1.000000
Cohasset (Note 3)	11,063,194	.003158	5,840	.002871	.000245
	\$ 3,503,654,631		2,034,311		

Note 1. Serial Bonds and Interest

Note 2. Maintenance

Note 3. Nantasket Maintenance—(8% of its proportion)

METROPOLITAN PARKS DISTRICT RESERVATIONS AND BOULEVARDS

Total Assessments

Cities and Towns	Serial Bonds	Interest	Maintenance	Total
Arlington	\$ 17,663.52	\$ 11,428.41	\$ 90,797.88	\$ 119,889.81
Belmont	16,165.26	10,459.02	70,595.72	97,220.00
Boston	401,028.85	259,468.08	1,740,230.90	2,400,727.83
Braintree	8,916.51	5,769.04	50,134.10	64,819.65
Brookline	46,007.77	29,767.31	180,575.82	256,350.90
Cambridge	52,581.43	34,020.50	240,157.88	326,759.81
Canton	2,817.28	1,822.80	18,014.64	22,654.72
Chelsea	12,953.45	8,380.96	64,467.08	85,801.49
Cohasset			1,096.27	1,096.27
Dedham	8,117.70	5,252.20	42,399.50	55,769.40
Dover	1,764.21	1,141.45	7,493.05	10,398.71
Everett	24,591.77	15,911.03	107,296.02	147,798.82
Hingham	5,299.45	3,428.77	27,529.69	36,257.91
Hull	4,992.60	3,230.23	20,470.57	28,693.40
Lynn	42,171.52	27,285.23	198,559.14	268,015.89
Malden	21,510.50	13,917.42	108,248.86	143,676.78
Medford	24,181.65	15,645.67	121,790.04	161,617.36
Melrose	12,224.77	7,909.50	59,197.34	79,331.61
Milton	12,475.43	8,071.49	57,577.95	78,124.57
Nahant	1,596.65	1,033.04	7,797.25	10,426.94
Needham	8,440.15	5,460.83	44,797.26	58,698.24
Newton	50,752.92	32,837.45	223,288.45	306,878.82
Quincy	40,465.76	26,181.59	188,135.97	254,783.32
Revere	11,726.00	7,586.79	65,361.77	84,674.56
Saugus	4,865.95	3,148.30	30,088.51	38,102.76
Somerville	34,247.68	22,158.45	174,460.60	230,866.73
Stoneham	4,580.51	2,963.62	27,122.61	34,666.74
Swampscott	7,504.95	4,855.75	32,750.22	45,110.92
Wakefield	6,962.34	4,504.68	39,174.12	50,641.14
Waltham	17,314.77	11,202.76	93,741.42	122,258.95
Watertown	16,545.20	10,704.83	79,390.55	106,640.58
Wellesley	13,818.50	8,940.65	61,469.86	84,229.01
Weston	3,524.52	2,280.39	16,860.48	22,665.39
Westwood	2,407.16	1,557.44	14,981.63	18,946.23
Weymouth	15,950.95	10,320.36	84,248.73	110,520.04
Winchester	10,563.82	6,834.86	46,582.17	63,980.85
Winthrop	7,431.90	4,808.48	37,675.51	49,915.89
	\$974,163.10	\$630,289.38	\$4,474,559.56	\$6,079,012.04

METROPOLITAN PARKS AND SEWERAGE DISTRICTS

Comparison of Assessments 1963 and 1964

Cities and Towns	Parks		Sewerage	
	1963	1964	1963	1964
Arlington	\$ 108,144.67	\$ 119,889.81	\$ 182,741.70	\$ 206,227.69
Belmont	87,393.21	97,220.00	111,651.77	125,518.21
Boston	2,157,763.67	2,400,727.83	1,426,934.78	1,615,104.07
Braintree	58,573.57	64,819.65	87,658.68	101,467.30
Brookline	229,883.77	256,350.90	233,094.21	263,038.23
Cambridge	294,019.16	326,759.81	815,156.48	940,316.00
Canton	20,520.82	22,654.72	59,947.76	71,409.87
Chelsea	77,344.55	85,801.49	211,567.42	239,590.97
Cohasset	1,015.40	1,096.27		
Dedham	50,322.12	55,769.40	95,623.99	107,457.60
Dover	9,341.87	10,398.71		
Everett	132,856.90	147,798.82	211,359.65	239,362.65
Frammingham			86,178.88	95,432.45
Hingham	32,712.84	36,257.91	28,163.55	31,900.83
Hull	25,756.72	28,693.40		
Lexington			47,634.25	52,892.61
Lynn	241,318.44	268,015.89		
Malden	129,545.06	143,676.78	220,981.40	249,549.99
Medford	145,723.49	161,617.36	382,597.74	433,524.97
Melrose	71,471.64	79,331.61	182,637.49	206,721.08
Milton	70,312.49	78,124.57	198,365.64	224,918.13
Nahant	9,395.53	10,426.94		
Natick			70,096.33	79,123.34
Needham	52,981.96	58,698.24	44,269.06	49,152.83
Newton	275,905.04	306,878.82	504,309.75	571,220.99
Norwood			98,210.43	107,993.35
Quincy	229,342.18	254,783.32	442,078.73	500,283.96
Randolph			60,236.78	66,065.59
Reading			37,524.54	41,820.30
Revere	76,502.39	84,674.56	131,583.93	147,670.60
Saugus	34,492.80	38,102.76		
Somerville	208,211.19	230,866.73	373,457.55	421,308.27
Stoneham	31,357.14	34,666.74	86,559.09	98,029.35
Stoughton		45,110.92	30,024.22	33,408.46
Swampscott	40,550.52			
Wakefield	45,761.94	50,641.14	104,917.85	118,666.32
Walpole			38,014.27	43,277.77
Waltham	110,396.33	122,258.95	200,334.07	225,895.61
Watertown	96,056.46	106,640.58	166,424.88	188,193.22
Wellesley	75,745.98	84,229.01	60,790.11	68,043.25
Weston	20,414.52	22,665.39		
Westwood	17,153.26	18,946.23	37,737.60	41,993.48
Weymouth	99,747.36	110,520.04	168,535.73	188,897.20
Wilmington			28,456.10	31,837.92
Winchester	57,526.06	63,980.85	192,135.58	210,513.19
Winthrop	45,013.03	49,915.89	95,347.33	107,946.01
Woburn			198,906.60	225,842.64
	\$5,470,574.08	\$6,079,012.04	\$7,752,245.92	\$8,771,616.30

METROPOLITAN SEWERAGE FUND

METROPOLITAN SEWERAGE DEBT

Gross (and net) debt June 30, 1964

Bonds outstanding (serial):

Sewerage Loan, North System—(705)	\$ 1,099,000.00
District Sewerage Loan, Act of 1949—(606)	20,262,000.00
Sewerage Loan, Act of 1951—North System—(645)	20,769,000.00
Sewerage Loan, North District, Act of 1961—(757)	767,000.00
District Sewerage Loan, Act of 1954—(456)	599,000.00
District Sewerage Loan, Act of 1954—(399)	835,000.00
Sewerage Loan, Act of 1955—(682)	308,000.00
District Sewerage Loan, North System, Act of 1958	125,000.00
Sewerage Loan, Act of 1961—(515)	22,187,000.00
District Sewerage Relief Loan, Act of 1961—(516)	3,420,000.00
Sewerage South System—(705)	4,688,000.00
Sewerage Loan, South System—(591)	75,000.00
District Sewerage Loan, Act of 1951—(527)	1,397,000.00
District Sewerage Second Loan, Act of 1951—(599)	1,564,000.00
District Sewerage Loan, Act of 1953—(642)	694,000.00
District Sewerage Loan, Act of 1954—(580)	424,000.00
District Sewerage Loan, Act of 1955—(410)	990,000.00
District Sewerage Loan, Act of 1955—(551)	769,000.00
District Sewerage Loan, Act of 1957—(710)	835,000.00
District Sewerage Loan, Act of 1957—(764)	415,000.00
Sewerage Loan, Act of 1962—(658)	—
Second Met. Sewerage Loan, Act of 1962	—

Total Net Debt, June 30, 1964	\$82,222,000.00
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METROPOLITAN SEWERAGE EXPENSES

	<i>Serial Bonds</i>	<i>Interest</i>
Sewerage Loan, North System (705)	\$ 142,000.00	\$ 20,825.00
District Sewerage Loan, Act of 1949 (606)	836,000.00	646,802.50
Sewerage Loan, Act of 1951, North System (645)	777,000.00	506,952.50
Sewerage Loan, North District, Act of 1961 (757)	37,000.00	16,874.00
District Sewerage Loan, Act of 1954 (456)	25,000.00	18,468.75
District Sewerage Loan, Act of 1954 (399)	25,339.86	29,225.00
Sewerage Loan, Act of 1955 (682)	92,000.00	6,630.00
District Sewerage Loan, North System, Act of 1958	5,000.00	4,375.00
Sewerage Loan, Act of 1961 (515)	550,440.46	721,034.00
District Sewerage Relief Loan, Act of 1961 (516)	78,125.38	137,400.00
Sewerage South System (705)	565,851.22	96,355.00
Sewerage Loan, South System (591)	—	1,562.50
District Sewerage Loan, Act of 1951 (527)	54,485.37	30,734.00

METROPOLITAN SEWERAGE FUND

(Continued from Page 16)

District Sewerage Second Loan Act of 1951 (599)	74,000.00	36,099.25	
District Sewerage Loan, Act of 1953 (642)	34,000.00	15,268.00	
District Sewerage Loan, Act of 1954 (580)	18,000.00	11,412.50	
District Sewerage Loan, Act of 1955 (410)	36,670.84	29,993.75	
District Sewerage Loan, Act of 1955 (551)	33,000.00	20,693.75	
District Sewerage Loan, Act of 1957 (710)	24,666.67	29,225.00	
District Sewerage Loan, Act of 1957 (764)	17,000.00	14,525.00	
Sewerage Loan, Act of 1962 (658)	—	27,360.00	
Second Sewerage Loan, Act of 1962 (766)	—	57,760.00	
Interest on Average Monthly Deficit	—	3,848.87	
	<u>\$3,425,579.80</u>	<u>\$2,483,424.37</u>	\$5,909,004.17
Maintenance			2,862,612.13
Total Metropolitan Sewerage Expenses			\$8,771,616.30

North and South Systems combined under Chapter 612, Acts of 1959.

METROPOLITAN SEWERAGE DISTRICT

RATIOS OF CONTRIBUTION ON THE BASIS OF CHAP. 612, ACTS OF 1959 AND THE
CENSUS RETURNS OF 1960, AS DETERMINED BY THE METROPOLITAN
DISTRICT COMMISSION, SEWERAGE DIVISION

City or Town	Ratios in Percentage		Ratios in Percentage	
	Pro-Rated Demand M.G.D.	for Principal and Interest Chap. 612 Acts of 1959*	Population U. S. Census 1960	for Maintenance Fiscal Year June 30, 1964
Arlington	17,344	2.09	49,953	2.89
Belmont	10,999	1.32	28,715	1.66
Boston	420,555 **	18.39	319,636	18.46
Braintree	7,091	0.85	31,069	1.79
Brookline	24,423	2.94	54,044	3.12
Cambridge	107,049	12.90	107,716	6.22
Canton	7,018	0.85	12,771	0.74
Chelsea	25,832	3.11	33,749	1.95
Dedham	9,566	1.15	23,869	1.38
Everett	23,455	2.83	43,544	2.52
Framingham	3,101	0.37	44,526	2.57
Hingham	3,106	0.38	5,700	0.33
Lexington	0,986	0.12	27,691	1.60
Malden	21,644	2.61	57,676	3.33
Medford	45,834	5.52	64,971	3.75
Melrose	22,200	2.67	29,619	1.71
Milton	25,504	3.07	26,373	1.52
Natick	4,385	0.53	28,831	1.67
Needham	0,892	0.11	25,793	1.49
Newton	58,774	7.88	92,384	3.34
Norwood	9,383	1.13	24,898	1.44
Quincy	49,551	6.02	87,409	5.05
Randolph	4,900	0.59	18,900	1.09
Reading	1,437	0.17	19,259	1.11
Revere	11,492	1.38	40,080	2.31
Somerville	37,204	4.48	94,697	5.47
Stoneham	9,592	1.16	17,821	1.03
Stoughton	0,887	0.11	16,328	0.94
Wakefield	11,032	1.33	24,295	1.40
Walpole	2,832	0.34	14,068	0.81
Waltham	18,263	2.20	58,065 ***	3.35
Watertown	17,365	2.09	39,092	2.26
Wellesley	3,493	0.42	26,071	1.51
Westwood	3,453	0.42	10,354	0.60
Weymouth	15,353	1.85	48,177	2.78
Wilmington	1,586	0.19	12,475	0.72
Winchester	25,039	3.02	19,376	1.12
Winthrop	10,426	1.26	20,303	1.17
Woburn	24,457	2.95	31,214	1.80
Totals	1,097,983	100.00	1,731,514	100.00

* Revised in accordance with Chap. 230, Acts of 1961

** Boston Metropolitan Sewerage District, and Boston Main Drainage District.

*** Including 2652 inmates and attendants added in compliance with Chap. 372, Acts of 1928, in relation to disposal of sewage of the Metropolitan State Hospital, and Chap. 373, Acts of 1929, in relation to disposal of the Middlesex County Tuberculosis Hospital.
August 27, 1964 Acc. No. 8831

METROPOLITAN SEWERAGE DISTRICT

Total Assessments

Cities and Towns	Serial Bonds	Interest	Maintenance	Total
Arlington	\$ 71,594.62	\$ 51,903.57	\$ 82,729.50	\$ 206,227.69
Belmont	45,217.65	32,781.20	47,519.36	125,518.21
Boston	629,964.13	456,704.74	528,438.20	1,615,104.07
Braintree	29,117.43	21,109.11	51,240.76	101,467.30
Brookline	100,712.05	73,012.68	89,313.50	263,038.23
Cambridge	441,899.79	320,361.74	178,054.47	940,316.00
Canton	29,117.43	21,109.11	21,183.33	71,409.87
Chelsea	106,535.53	77,234.50	55,820.94	239,590.97
Dedham	39,394.17	28,559.38	39,504.05	107,457.60
Everett	96,943.91	70,280.91	72,137.83	239,362.65
Framingham	12,674.65	9,188.67	73,569.13	95,432.45
Hingham	13,017.20	9,437.01	9,446.62	31,900.83
Lexington	4,110.70	2,980.11	45,801.80	52,892.61
Malden	89,407.63	64,817.38	95,324.98	249,549.99
Medford	189,092.00	137,085.02	107,347.95	433,524.97
Melrose	91,462.98	66,307.43	48,950.67	206,721.08
Milton	105,165.30	76,241.13	43,511.70	224,918.13
Natick	18,155.57	13,162.15	47,805.62	79,123.31
Needham	3,768.14	2,731.77	42,652.92	49,152.83
Newton	242,531.05	175,826.44	152,863.50	571,220.99
Norwood	38,709.05	28,062.69	41,221.61	107,993.35
Quincy	206,219.90	149,502.15	144,561.91	500,283.96
Randolph	20,210.92	14,652.20	31,202.47	66,065.59
Reading	5,823.49	4,221.82	31,774.99	41,820.30
Revere	47,273.00	34,271.26	66,126.34	147,670.60
Somerville	153,465.98	111,251.41	156,584.88	421,308.27
Stoneham	39,736.73	28,807.72	29,484.90	98,029.35
Stoughton	3,768.14	2,731.77	26,908.55	33,408.46
Wakefield	45,560.21	33,029.54	40,076.57	118,666.32
Walpole	11,646.97	8,443.64	23,187.16	43,277.77
Waltham	75,362.76	54,635.34	95,897.51	225,895.61
Watertown	71,594.62	51,903.57	64,695.03	188,193.22
Wellesley	14,387.43	10,430.38	43,225.44	68,043.25
Westwood	14,387.43	10,430.38	17,175.67	41,993.48
Weymouth	63,373.23	45,943.35	79,580.62	188,897.20
Wilmington	6,508.60	4,718.51	20,610.81	31,837.92
Winchester	103,452.51	74,999.42	32,061.26	210,513.19
Winthrop	43,162.30	31,291.15	33,492.56	107,946.01
Woburn	101,054.60	73,261.02	51,527.02	225,842.64
	\$3,425,579.80	\$2,483,424.37	\$2,862,612.13	\$8,771,616.30

STATEMENT OF THE DEBTS OF THE METROPOLITAN DISTRICT

	Metropolitan Sewerage	Metropolitan Water	Metropolitan Parks	Total
Net Debt June 30, 1964	\$82,222,000.00	\$111,299,000.00	\$21,575,000.00	\$215,096,000.00
Arlington	1,718,439.80	2,331,268.85	391,197.90	4,440,906.55
Belmont	1,085,330.40	1,191,567.09	358,015.55	2,634,913.04
Boston	15,120,625.80	58,581,004.36	8,881,672.38	82,583,302.54
Braintree	698,887.00	—	197,475.97	896,362.97
Brookline	2,417,326.80	3,080,978.92	1,018,944.10	6,517,249.82
Cambridge	10,606,638.00	337,792.47	1,164,532.20	12,108,962.67
Canton	698,887.00	—	62,394.90	761,281.90
Chelsea	2,557,104.20	2,026,977.39	286,882.77	4,870,964.36
Dedham	945,553.00	—	179,784.47	1,125,337.47
Dover	—	—	39,072.32	39,072.32
Everett	2,326,882.60	4,085,118.50	544,639.30	6,956,640.40
Framingham	304,221.40	—	—	304,221.40
Hingham	312,443.60	—	117,368.00	429,811.60
Hull	—	—	110,571.88	110,571.88
Lexington	98,666.40	1,889,523.12	—	1,988,189.52
Lynn	—	—	933,981.75	933,981.75
Lynnfield Water District	—	115,639.66	—	115,639.66
Malden	2,145,994.20	2,788,707.74	476,397.57	5,411,099.51
Marblehead	—	810,813.22	—	810,813.22
Medford	4,538,654.40	3,127,390.60	535,556.22	8,201,601.22
Melrose	2,195,327.40	1,116,996.76	270,744.67	3,583,068.83
Milton	2,524,215.40	1,111,320.52	276,289.45	3,911,825.37
Nahant	—	183,532.05	35,361.42	218,893.47
Natick	435,776.60	—	—	435,776.60
Needham	90,444.20	448,757.57	186,925.80	726,127.57
Newton	5,821,317.60	5,346,692.66	1,124,035.92	12,292,046.18
Norwood	929,108.60	1,494,411.67	—	2,423,520.27
Peabody	—	384,204.15	—	384,204.15
Quincy	4,949,764.40	4,459,194.44	896,203.93	10,305,162.77
Randolph	485,109.80	—	—	485,109.80
Reading	139,777.40	—	—	139,777.40
Revere	1,134,663.60	1,588,793.23	259,698.28	2,983,155.11
Saugus	—	841,086.54	107,767.13	948,853.67
Somerville	3,683,545.60	4,378,613.96	758,490.70	8,820,650.26
Stoneham	953,775.20	954,388.93	101,445.65	2,009,609.78
Stoughton	90,444.20	—	—	90,444.20
Swampscott	—	659,780.47	166,213.80	825,994.27
Wakefield	1,093,552.60	379,084.39	154,196.53	1,626,833.52
Walpole	279,554.80	—	—	279,554.80
Waltham	1,808,884.00	4,046,275.15	383,474.05	6,238,633.20
Watertown	1,718,439.80	2,310,344.64	366,429.80	4,395,214.24
Wellesley	345,332.40	—	306,041.38	651,373.78
Weston	—	—	78,058.35	78,058.35
Westwood	345,332.40	—	53,311.83	398,644.23
Weymouth	1,521,107.00	—	353,269.05	1,874,376.05
Wilmington	156,221.80	—	—	156,221.80
Winchester	2,483,104.40	315,755.26	233,959.30	3,032,818.96
Winthrop	1,035,997.20	912,985.69	164,595.68	2,113,578.57
Woburn	2,425,549.00	—	—	2,425,549.00
	\$82,222,000.00	\$111,299,000.00	\$21,575,000.00	\$215,096,000.00